

Division: **FABRICATION**



Farra Fabrication is a large workshop that is dedicated to complex heavy steel fabrications as well as lighter work such as ducting and machinery guarding for a broad customer base. Local work is a priority but we also specialise in the manufacture of building maintenance units for high rise buildings and pit maintenance units for the aluminium smelting industry.



### Manufacturing

Farra has been in the steel fabrication business for over 140 years, and the generations of tradesmen that have passed through have left their legacy of skills and work ethic with the current company. We complement our trade skills with design capabilities and can assist with taking concept sketches through to a finished assembly.

The division has a history of heavy fabrication, particularly in cranes, however 5 years ago with the integration of the sheetmetal division, we significantly increased our capabilities across a broader front to meet the changing needs of our local customer base. We are as strong now in light fabrication as we have always been in the heavy work. Our involvement in building maintenance units has also given us strong mechanical assembly experience that has further assisted us in our maintenance work, both in house and on site.

### Floor areas and crange

Office	300 m <sup>2</sup>	
Main Fabrication Bay	1,600 m <sup>2</sup>	2 x 20 tonne, 1 x 2 tonne, 1 x 1 tonne
Assembly Bay	700 m <sup>2</sup>	2 x 3 tonne
Yard	750 m <sup>2</sup>	1 x 3 tonne

### Materials

The steel fabrication shop covers over 2,000 m<sup>2</sup> and with two 20 tonne overhead travelling cranes with 10m under the hooks and an 18m span we can handle fabrications up to 40 tonnes in a single piece and beams up to 36m long.

Repairs and maintenance work is one of the shop's many services and extended hours can be worked on emergency repairs when required.

### Key machines

The main items of plant in the fabrication shop are:-

- Roundo Plate Rolls: These hydraulic plate rolls can handle plates 3,000 mm wide x 38 mm thick, and up to 50 mm thick on shorter widths
- Dye 500 Brake Press: The 500 tonne hydraulic brake press has a 4,800 mm bed length, and can accept 3,650 mm between the frames
- Rhodes Guillotine: The hydraulic guillotine can accept 3,600 mm wide plate up to 10 mm thick, or 1,800 mm x 16 mm plate
- Backtemans Section Rolls: Type RV2H section bending rolls
- Peddinghaus Punch: Size 16 universal punch, shear, cropper and notcher
- Lincoln submerged arc welding machine with experienced operators.

### Key skills

- Experienced light and heavy fabrication and fitting staff
- All heavy fabrication staff certified to NZS 4711 - in various positions
- "Site Safe" certified staff
- Team leaders for leading individual projects, on and off site
- Continued development of staff in industry knowledge and up-skilling.

### Contacts

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### Manager

Scott Hellyer

### Farra divisions

Farra Fabrication is one of seven divisions of Farra Engineering Limited. The other divisions are:

- |                               |                   |
|-------------------------------|-------------------|
| • Farra Access Equipment      | • Farra Casting   |
| • Farra Lift Components       | • Farra Machining |
| • Farra Sheetmetal Components | • Farra Stainless |